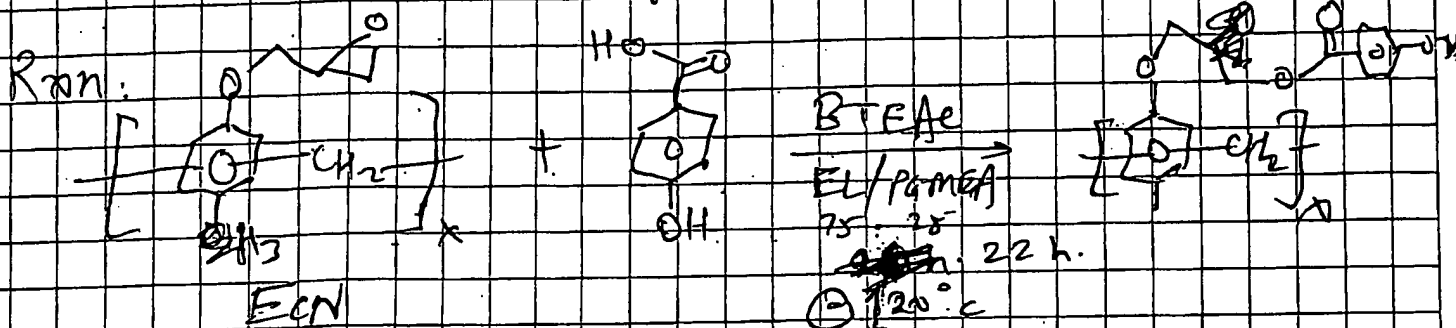
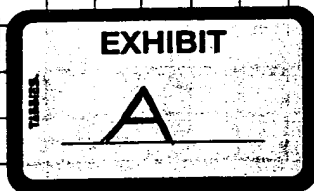


Aim: To graft hydroxy-benzoic acid to
thru epoxy groups



Material	Mol. Wt. g/mol	Amount	Mols.	Equival
ECN	170.11 (per repeat unit)	10 g	0.056	1
hydroxy benzoic acid	138.12	5.1 g	0.037	0.65
BTEAC		0.1 g 2.1 g	2.1 g	1% by wt. of polymer
EL/PAMEA		100 g		

After 22 hour reaction 108.45 g. of ~~the~~ reaction
mixture obtained
~ 13.9% solids



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193 nm DD

Notebook No. 2226

Continued From Page 74

75

Formulation 2

~~25 g of Triethyl ether~~

SD 2226-84-1

~~7 g of solids~~

53 g. of (15% solids ML)

3 g. of Triethyl ether crosslinker

165.88 g. of EL/PGMEA
75 25

~ 5% solids formulation, stripped

0.3 13.74/μ

50% stripping

Coat quality - good

SD 2226-84-2

53 g. of (15% solids ML)

3 g. of powderlink

0.3 g. of P-TSA

165.88 g. of EL/PGMEA
75 25

~~50% stripping~~ No stripping

0.3 - 13.56/μ

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